



IFW

Attorney Docket No. GEML 4420-3

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on 1-18-2006.

Deborah Cameron
Name

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Russell Childs, et al.

Application No.: **10/734,110**

Confirmation: **4858**

Filed: **December 15, 2003**

Allowed: **December 14, 2005**

Title: **INTEGRATED OPTICAL DEVICE**

Group Art Unit: **2883**

Examiner: **Brian Healy**

CUSTOMER NO.: 54413

**POWER OF ATTORNEY BY ASSIGNEE TO EXCLUSION OF INVENTOR
UNDER 37 C.F.R. § 3.71 WITH REVOCATION OF PRIOR POWERS**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned ASSIGNEE of the entire interest in the above-identified application for letters patent hereby appoints the attorneys associated with:

Customer Number 54413

to prosecute this application and transact all business in the United States Patent and Trademark Office in connection therewith and hereby revokes all prior powers of attorney; said appointment to be to the exclusion of the inventors and the inventors' attorneys in accordance with the provisions of 37 C.F.R. §3.71.

Pursuant to 37 C.F.R. § 3.73(b) the undersigned Assignee hereby states that evidentiary documents have been reviewed and hereby certifies that, to the best of Assignee's knowledge and belief, title is in the identified ASSIGNEE.

Direct all telephone calls to Warren S. Wolfeld at (650) 712-0340.

Application No.: 10/734,110

Attorney Docket No.: GEML 4420-3

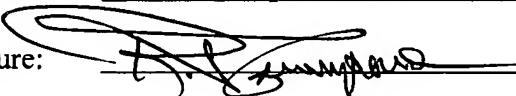
Address all correspondence to:

Customer Number 54413

Warren S. Wolfeld
HAYNES BEFFEL & WOLFELD LLP
P.O. Box 366
Half Moon Bay, CA 94019
(650) 712-0340 (phone)
(650) 712-0263 (fax)

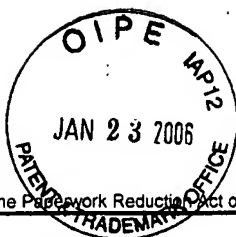
Date: 1/17/2006

ASSIGNEE: Gemfire Europe Limited

Signature:  _____

Name: Richard B. Tompane

Title: Chief Executive Officer



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/98 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Russell Childs, et al.

Application No./Patent No.: 10/734,110 Filed/Issue Date: Filed: 12/15/2003 Issued: 3/14/2006

Entitled: INTEGRATED OPTICAL DEVICE

GEMFIRE EUROPE LIMITED

(Name of Assignee)

a Great Britain Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Russell Childs, et al. To: Alcatel Optonics U.K., Limited
The document was recorded in the United States Patent and Trademark Office at
Reel 015011, Frame 0738, or for which a copy thereof is attached.

2. From: Alcatel Optonics U.K., Limited To: Avanex U.K. Limited
The document was recorded in the United States Patent and Trademark Office at
Reel see attached, Frame _____, or for which a copy thereof is attached.

3. From: Avanex U.K. Limited To: Gemfire Europe Limited
The document was recorded in the United States Patent and Trademark Office at
Reel see attached, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.


Signature

1/17/2006

Date

Richard B. Tompane

(510) 438-7544

Printed or Typed Name

Telephone Number

Chief Executive Officer

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**CERTIFICATE OF INCORPORATION
ON CHANGE OF NAME**

Company No. 3517183

The Registrar of Companies for England and Wales hereby certifies that
AVANEX U.K. LIMITED

having by special resolution changed its name, is now incorporated
under the name of
GEMFIRE EUROPE LIMITED

Given at Companies House, Cardiff, the 5th March 2004



Companies House
— for the record —

FILE COPY

**CERTIFICATE OF INCORPORATION
ON CHANGE OF NAME**

Company No. 3517183

The Registrar of Companies for England and Wales hereby certifies that

ALCATEL OPTRONICS UK LIMITED

having by special resolution changed its name, is now incorporated
under the name of

AVANEX U.K. LIMITED

Given at Companies House, Cardiff, the 1st August 2003



C035171830

THE OFFICIAL SEAL OF THE
REGISTRAR OF COMPANIES

Companies House

for the record

027470

COMPANIES ACT 1985

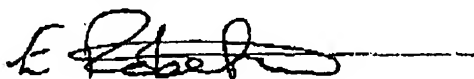
ALCATEL OPTRONICS UK LIMITED

COMPANY LIMITED BY SHARES

COMPANY NO. 3517183

By a written resolution dated 31 July 2003, the following resolution was passed.

THAT the name of the Company be changed to "Avanex U.K. Limited".



Attorney for
D.W. Company Services Limited,
as Secretary

.....
Company secretary

Presented by:

Dundas & Wilson C.S

Saltire Court

20 Castle Terrace

EDINBURGH, EH1 2EN

(Reference: HM/DJC/KYM001.0030)

TIME

BEST AVAILABLE COPY





PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

7

Application Number

10/734,110

Filing Date

December 15, 2003 / Allowed: December 14, 2005

First Named Inventor

Russell Childs, et al.

Art Unit

2883

Examiner Name

Brian Healy

Attorney Docket Number

GEML 4420-3

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

☐ Landscape Table on CD

Remarks



After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):

Power of Attorney by Assignee

Statement Under 37 CFR 3.73(b)

Change of Name Certificate From: Avanex to
GemfireChange of Name Certificate From: Alcatel to
Avanex**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

HAYNES BEFFEL & WOLFELD, LLP

Signature

Printed name

WARREN S. WOLFELD

Date

January 18, 2006

Reg. No.

31,454

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Deborah Cameron

Date

January 18, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.